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Date of Deposit: October 20, 2003

Attorney Docket No. 19471-502

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Altman, et al.

SERIAL 10/008,924
NUMBER:

FILING DATE: November 16, 2001

FOR: MATRIX FOR PRODUCTION OF TISSUE ENGINEERED LIGAMENTS, TENDONS
AND OTHER TISSUE

EXAMINER:

David M. Naff

ART UNIT: 1651

Mail Stop IDS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

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Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant hereby makes of record the documents listed on the attached modified Form PTO-1449, as well as copies of the listed documents.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311. The fee of \$180 as set forth in 37 C.F.R. §1.17(p) is enclosed.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and sign the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

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APPLICANTS: Altman, et al.
U.S.S.N.: 10/008,924

Notwithstanding any statements by the Applicant, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 19471-502.

Respectfully submitted,



Ingrid A. Beattie (Registration No. 42,306)

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Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	10/008,924
	Filing Date	November 16, 2001
	First Named Inventor	Altman
	Group Art Unit	1651
	Examiner Name	David M. Naff
	Attorney Docket Number	19471-502

U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	848,605	March 26, 1907	Peter Schmid			
	A2	1,709,662	Apr. 16, 1929	George Holland Ellis			
	A3	1,815,279	July 21, 1931	J. Takamine, Jr.			
	A4	1,828,736	Oct. 27, 1931	Norman D. Harvey			
	A5	1,896,494	Feb. 7, 1933	Myers, et al.			
	A6	1,927,022	Sep. 19, 1933	Humberto L. Bueno	8	2	
	A7	1,990,588	Feb. 12, 1935	Fink, et al.	18	54	
	A8	2,040,949	May 19, 1936	Olpin, et al.	8	2	
	A9	4,141,207	Feb. 27, 1979	Mizushima, et al.	57	243	
	A10	5,252,285	Oct. 12, 1993	Lock	264	202	
	A11	5,456,697	Oct. 10, 1995	Chesterfield, et al.	606	228	
	A12	5,951,506	Sep. 14, 1999	Tsubouchi	602	48	
	A13	5,965,125	Oct. 12, 1999	Mineau-Hanschke	424	93.21	
	A14	6,440,740 B1	Aug. 27, 2002	Tsubouchi, et al.	435	402	

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U.S. PUBLISHED APPLICATION DOCUMENTS

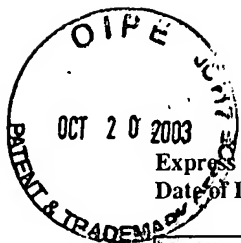
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No.	Foreign Patent Document Office	Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes	No
	B1	WO	02/29141 A1	CONSORZIO PER GLI STUDI UNIVERSITARI	04/11/02		
	B2	EP	1 241 178 A1	NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES & KOWA CO., LTD	09/18/02		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1	Gosline, et al., "The Mechanical Design of Spider Silks: from Fibroin Sequence to Mechanical Function", <i>The Journal of Experimental Biology</i> , 202:3295-3303 (1999).



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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C2	Hinman, et al., "Synthetic Spider Silk: A Modular Fiber", <i>TIBTECH</i> , 18:374-379 (2000).
	C3	Yong-woo Lee, SILK REELING AND TESTING MANUAL, FAO Agricultural Services Bulletin No. 136, Food and Agriculture Organization of the United Nations, Rome (1999), available at: http://www.fao.org/docrep/x2099e00.htm .
	C4	Xu, et al., Structure of a Protein Superfiber: Spider Dragline Silk", <i>Proc. Natl. Acad. Sci. USA</i> , 87:7120-7124 (1990).
	C5	Zhao, et al., "Structural Characterization and Artificial Fiber Formation of Bombyx mori Silk Fibroin in Hexafluoro-Iso-Propanol Solvent System", <i>Biopolymers</i> , 69:253-259 (2003).

A copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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